EXTERNAL	FAA Policy Integrated Prog. Sched. Corporate Strategy and Goals	Constraints FAA Mgmt. Decisions Govt & Intl Regulations & Statutes Legacy System Stakeholder Needs Standards Technology	FAA Mgmt. Decisions Legacy System	Constraints Legacy System Market Research Standards Technology	Market Research Technology Constraints Integrated Prog. Sched.	FAA Policy Standards Interface Change Request	FAA Policy Standards	Technology Constraints	FAA Policy Ext. Environ. Forces Constraints Technology Concerns/Issues Integrated Prog. Sched. Corporate Strategy and Goals	FAA Policy Change Requests	Stakeholder Need Standards	Technology Test & Assessment Articles	Constraints Ext. Environ. Forces Govt. & Intl. Regulations & Statutes Market Research FAA Policy Technology Concerns/Issues	Appraisal Results Other FAA Processes
SEMP Integrated Prog. Plan Supporting Technical Plans CM Plans Audit Results	INTEGRATED TECHNICAL PLANNING	Integrated Lifecycle Plan Integrated Prog. Plan NAS Architecture SEMP	Integrated Prog. Plan SEMP	Integrated Prog. Plan SEMP	Constraints Integrated Lifecycle Plan Integrated Prog. Plan SEMP	Integrated Prog. Plan NAS Architecture SEMP	Integrated Lifecycle Plan Integrated Prog. Plan NAS Architecture SEMP	Integrated Prog. Plan SEMP	Concerns/Issues Integrated Prog. Plan SEMP	CM Plans Integrated Prog. Plan NAS Architecture SEMP Audit Results	Integrated Prog. Plan NAS Architecture SEMP	Integrated Prog. Plan Master Verification Plan NAS Architecture SEMP	Integrated Lifecycle Plan Integrated Prog. Plan NAS Architecture SEMP	
Requirements RVCD	Planning Criteria Mission Need Statement	REQUIREMENTS MANAGEMENT	Mission Need Statement Requirements	Requirements RVCD	Constraints Requirements	Requirements Mission Need Statement	Requirements RVCD	Requirements Tools/Analysis Requirements	Requirements Concerns/Issues	Requirements Change Requests	Requirements	Requirements VRTM	Mission Need Statement Requirements	
	Concept of Operations NAS CONOPS Planning Criteria	Concept of Operations Functional Architecture OSED	FUNCTIONAL ANALYSIS	Constraints Functional Architecture OSED	Constraints Functional Architecture OSED	Concept of Operations Functional Architecture OSED	Concept of Operations Functional Architecture OSED	Tools/Analysis Requirement	Concerns/Issues	Functional Architecture	Concept of Operations Functional Architecture OSED	Functional Architecture	OSED	
	Planning Criteria	Constraints Physical Architecture	Physical Architecture	SYNTHESIS	Physical Architecture Constraints Description of Alternatives	Physical Architecture	Description of Alternative Physical Architecture	Tools/Analysis Requirements	Concerns/Issues	Change Requests Configuration Documentation Physical Architecture	Physical Architecture	Physical Architecture	Design Constraints	
Trade Study Reports	Planning Criteria	Trade Study Reports		Trade Study Reports	TRADE STUDIES	Trade Study Reports		Tools/Analysis Requirements	Concerns/Issues				Trade Study Reports	
Interface Control Documents Interface Requirements Documents	Planning Criteria	Interface Control Documents Interface Requirements Documents	Interface Control Documents	Interface Requirements Documents Interface Control Documents	Constraints	INTERFACE MANAGEMENT	Interface Control Documents		Concerns/Issues	Change Requests Configuration Documentation	Interface Requirements Documents	Interface Control Documents		
Certification Package	Planning Criteria	Design Analysis Reports Requirements	Design Analysis Reports	Design Analysis Reports	Design Analysis Report Constraints		SPECIALTY ENGINEERING	Design Analysis Reports Tools/Analysis Requirements	Concerns/Issues Design Analysis Reports	Configuration Documentation	Demonstrations Design Analysis Reports	Demonstrations Verification Criteria Design Analysis Reports	Design Analysis Reports	
Credible Analysis Results	Analysis Criteria Planning Criteria	Analysis Criteria	Analysis Criteria	Analysis Criteria	Analysis Criteria Constraints		Analysis Criteria	INTEGRITY OF ANALYSES	Concerns/Issues Analysis Criteria			Analysis Criteria	Analysis Criteria	
Prog. Risk Register Prog. Risk Summary Risk Mitigation Plan Summary Risk Mitigation Progress Risk Mitigation Plans	Planning Criteria	Risk Mitigation Plans	Constraints	Risk Mitigation Plans Constraints	Constraints			Tools/Analysis Requirements	RISK MANAGEMENT		Constraints	Constraints		
Approved Baselines Approved Baseline Changes	Planning Criteria	Approved Baselines Approved Baseline Changes Configuration Status Accounting Report		Configuration Status Accounting Report Approved Baselines Approved Baseline Changes		Configuration Status Accounting Report Approved Baselines Approved Baseline Changes	Approved Baselines Approved Baseline Changes	Approved Baselines Approved Baseline Changes	Concerns/Issues	CONFIGURATION MANAGEMENT		Approved Baselines Approved Baseline Changes Configuration Status Accounting Report	Approved Baselines Approved Baseline Changes Configuration Status Accounting Report	
	Planning Criteria	Validation Reports	Validated Need		Constraints		Validation Reports		Concerns/Issues	Configuration Documentation	VALIDATION	Validation Reports		
	Planning Criteria	RVCD VRTM			Constraints			Tools/Analysis Requirements	Concerns/Issues	Configuration Documentation		VERIFICATION		
Commissioned System System Disposal Real Property Assets	Planning Criteria	Constraints		Lifecycle Cost Estimate Constraints	Lifecycle Cost Estimate Constraints			Tools/Analysis Requirements	Concerns/Issues Constraints	Change Requests Change Release Notices Configuration Documentation			LIFE CYCLE ENGINEERING	
SEM revisions SE Course Material Revisions														MAINTAIN SE PROCESS